

Factoring Worksheet  
Math for Standards  
***SHOW ALL STEPS!!!***

Name \_\_\_\_\_

Date \_\_\_\_\_

Use the 7-step process covered in class yesterday to factor each quadratic, if possible. If it is not factorable, use the quadratic formula to solve. There are two links on the wiki under Lesson 25 that also review the concept of factoring quadratics. You may use a separate piece of paper instead of this one, if you like. (4 points each)

1.  $x^2 + 6x + 8$

2.  $x^2 - 7x + 10$

3.  $x^2 + 4x - 5$

4.  $x^2 + 8x + 15$

5.  $x^2 + 8x + 12$

6.  $x^2 + x - 12$

7.  $x^2 + 7x + 6$

8.  $x^2 - 3x - 10$

9.  $5x^2 + 18x + 9$

10.  $4x^2 + 15x + 9$

11.  $9x^2 + 15x + 4$

12.  $2x^2 + 5x + 2$

13.  $3x^2 + 19x + 20$

14.  $5x^2 + 12x - 3$